Performance Data Sheet

AWA2460ZXD

General Information

Model	AWA2460ZXD	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	230V ~ 60HZ
Return Gas	4.4°C (40°F) RETURN GAS	**Motor Type**	CSR

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	90	100	110	120	130	140
-40	Btu/h	3110	2910	2390	1700	998	419	112
	Watts	1190	1060	948	832	706	559	380
	Amps	7.40	6.93	6.56	6.25	6.01	5.81	5.64
	Lb/h	47.3	51.6	47.4	37.3	24.4	11.5	1.45
-35	Btu/h	4300	3950	3280	2440	1580	840	368
	Watts	1330	1210	1090	975	850	704	526
	Amps	7.58	7.15	6.79	6.49	6.24	6.02	5.81
	Lb/h	69.5	71.7	65.2	52.9	37.8	22.7	10.5
-30	Btu/h	5600	5110	4290	3300	2280	1380	736
	Watts	1480	1360	1250	1140	1020	874	700
	Amps	7.79	7.39	7.06	6.78	6.53	6.30	6.06
	Lb/h	93.2	93.5	85.2	71.1	54.1	37.1	23.1
-25	Btu/h	7020	6380	5420	4270	3100	2030	1220
	Watts	1620	1510	1410	1310	1200	1060	899
	Amps	8.01	7.67	7.38	7.12	6.88	6.64	6.39
	Lb/h	118	117	107	91.9	73.4	55.0	39.5
-20	Btu/h	8570	7790	6670	5370	4040	2810	1830
	Watts	1770	1670	1580	1490	1390	1270	1120
	Amps	8.25	7.97	7.72	7.50	7.28	7.05	6.80
	Lb/h	145	143	132	116	96.0	76.5	59.9
-15	Btu/h	10200	9320	8050	6600	5100	3710	2560
	Watts	1910	1820	1750	1680	1590	1490	1350
	Amps	8.48	8.27	8.09	7.91	7.73	7.51	7.26
	Lb/h	174	171	160	142	122	102	84.4
-10	Btu/h	12100	11000	9570	7960	6300	4740	3420
	Watts	2030	1970	1920	1860	1800	1710	1590
	Amps	8.70	8.58	8.46	8.34	8.20	8.02	7.78
	Lb/h	206	202	190	172	152	131	113
-5	Btu/h	14000	12800	11200	9450	7630	5910	4420
	Watts	2140	2100	2070	2050	2000	1940	1840
	Amps	8.91	8.88	8.84	8.79	8.70	8.56	8.34
	Lb/h	239	236	224	206	185	164	147

0	Btu/h	16100	14700	13000	11100	9100	7210	5550
	Watts	2230	2220	2220	2220	2200	2170	2090
	Amps	9.09	9.16	9.22	9.24	9.21	9.12	8.95
	Lb/h	275	272	260	243	223	202	185
5	Btu/h	18300	16800	14900	12900	10700	8660	6830
	Watts	2300	2320	2350	2370	2390	2380	2340
	Amps	9.23	9.42	9.58	9.69	9.74	9.70	9.57
	Lb/h	314	312	301	284	264	245	228
10	Btu/h	20700	19100	17000	14800	12500	10300	8250
	Watts	2330	2390	2450	2510	2570	2590	2590
	Amps	9.34	9.65	9.92	10.1	10.3	10.3	10.2
	Lb/h	356	355	345	329	310	292	276

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	-3.070410E+03	4.007823E+03	9.879530E+00	-3.593289E+02
C2	6.362991E+02	-3.350222E+01	-2.398399E-01	6.651669E+00
C3	7.500190E+02	-5.424509E+01	-4.503590E-02	1.873197E+01
C4	3.023919E+00	-1.084511E+00	-2.347869E-03	-3.670472E-03
C5	-2.172691E+00	6.341018E-01	4.496653E-03	1.020311E-02
C6	-8.329609E+00	5.478368E-01	6.594838E-04	-1.736225E-01
C7	5.394976E-03	-5.886858E-03	-1.132925E-05	2.565917E-04
C8	-1.356962E-03	7.376435E-03	2.078394E-05	7.314909E-04
C9	-4.660639E-03	-2.581862E-04	-1.359252E-05	2.351095E-06
C10	2.437408E-02	-1.842879E-03	-2.753170E-06	4.827960E-04

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature